

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants

PENN et al.

Serial No.

09/774.203

Filed

: January 29, 2001

January 29, 2001

For:

METHODS AND APPARATUS FOR PREDICTING, CONFIRMING, AND DISPLAYING FUNCTIONAL

INFORMATION DERIVED FROM GENOMIC

SEOUENCE

Group Art Unit :

To Be Assigned

Hon. Assistant Commissioner for Patents

:

Washington, D.C. 20231

SUBMISSION OF DRAWINGS IN COMPLIANCE WITH 37 C.F.R. § 1.84 AND FOR PUBLICATION PURSUANT TO 37 C.F.R. § 1.215(a)

Sir:

Transmitted herewith are ten (10) sheets of drawings in compliance with 37 C.F.R. § 1.84 to replace the drawings originally filed in the above-identified patent application. Applicant respectfully requests that publication of the above-identified application include the drawings as filed herewith, pursuant to 37 C.F.R. § 1.215.

15 MARCH 2001

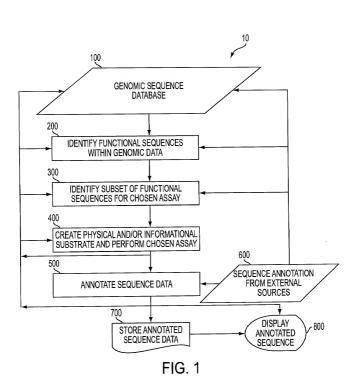
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Applicants : PENN et al. MDhMORF-1 Serial No.: 09/774,203 Filed : January 29, 2001 For ' : METHODS AND APPARATUS FOR' PREDICTING, CONFIRMING, AND DISPLAYING

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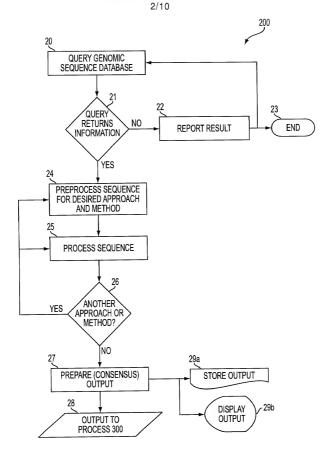


FIG. 2

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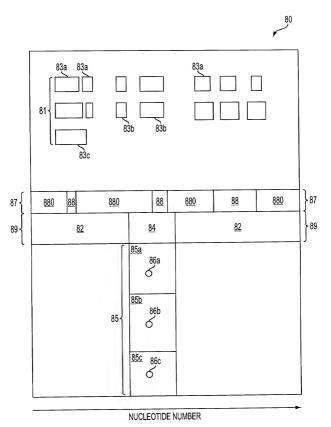
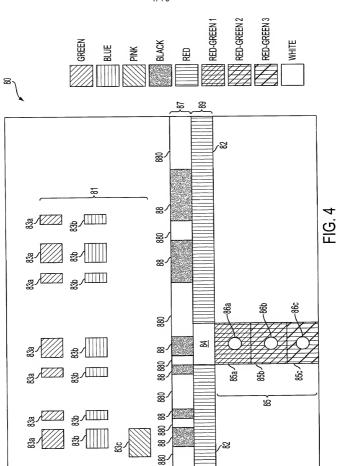


FIG. 3

Applicants :PENN et al. MDhMORF-1 Serial No. : 097714,203 Filed, :January 29, 2001 . For :METHODS AND APPARATUS FOR PREDICTING, CONFIRMING, AND DISPLAYING FUNCTIONAL INFORMATION DERIVED FROM

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Applicants :PENN et al. MDhMORF-I Serial No. : 09/774,203 Filed : January 29, 2001 ; for : METHODS AND APPARATUS FOR

For : METHODS AND APPARATUS FOR PREDICTING, CONFIRMING, AND DISPLAYING FUNCTIONAL INFORMATION DERIVED FROM GENOMIC SEQUENCE

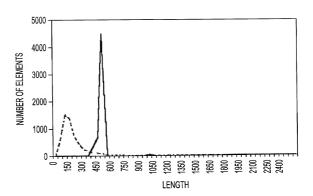


FIG. 5

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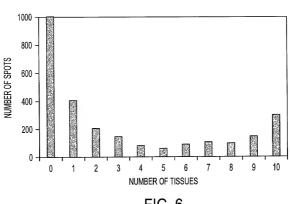


FIG. 6

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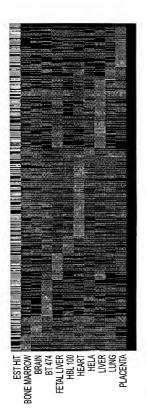
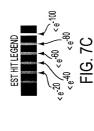
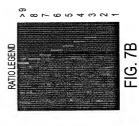


FIG. 7A



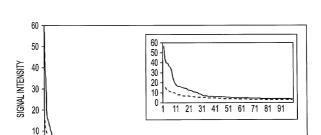


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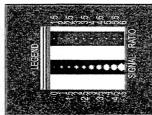


SPOT NUMBER FIG. 8

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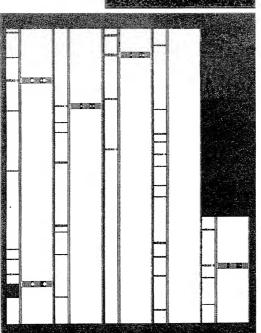


FIG. 9

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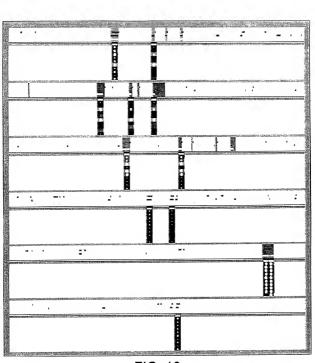


FIG. 10